

# MAINE STATE LEGISLATURE

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*Apparel*  
*Chemical*  
*Electrical*  
*Metals*  
*Food*  
*Furniture*  
*Leather*  
*Lumber*  
*Machinery*  
*Paper*  
*Printing*  
*Rubber*  
*Stone*  
*Glass*  
*Clay*  
*Textile*  
*Transportation*

**1973**

**Maine  
Occupational  
Wage  
Survey**

Bureau of Labor & Industry  
Department of Commerce & Industry

BLI Bulletin 516





1973

# Maine Occupational Wage Survey

Prepared by  
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# Occupational Wage Survey

## INTRODUCTION

This publication is a tabulation of the results of a wage survey of selected manufacturing establishments employing twenty-five or more workers in the State of Maine. The following industries were surveyed:

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Apparel                    | 8. Lumber & Wood Products        |
| 2. Chemical                   | 9. Machinery                     |
| 3. Electrical Machinery       | 10. Paper & Allied Products      |
| 4. Fabricated Metals          | 11. Printing & Publishing        |
| 5. Food & Kindred Products    | 12. Rubber & Plastics            |
| 6. Furniture & Fixtures       | 13. Stone, Clay & Glass Products |
| 7. Leather & Leather Products | 14. Textile                      |
| 15. Transportation Equipment  |                                  |

Occupational Wage Survey schedules were mailed on October 5, 1973, to five hundred forty-one selected establishments; and all returns were received. Of those returned, four hundred seventy-three were considered usable. The information contained in this report is a result of a statistical analysis of the wages and salaries of 31,427 workers.

Positions in the Professional and Technical, Office and Clerical, Maintenance, Service and Production phases of manufacturing were selected to cover all industries surveyed; and job descriptions were written for these positions. The selection of positions was a considered judgment of positions common to a significant number of firms operating in the State, which would at the same time cover the subordinate industry groups.

Because of the relatively small number of firms and the diversity of operations, the coverage of certain industries is limited.

This publication includes the minimum, mean, median and maximum hourly wage rates which were applicable for the week ending September 15, 1973. Also included are the annual gross salaries of the Professional and Technical employees. This information is published by major industry for the entire State.

All information received has been held and will continue to be held in the strictest confidence. No information will be released except in a composite form. It has been intended that the identity of individual firms and employers should be lost in the summarization and analysis of the data prior to the publication of wage rate information.

# Occupational Wage Survey

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## **DEFINITIONS**

**MEAN HOURLY WAGE** - The weighted average hourly wage paid to workers in a selected occupation. It is computed by multiplying the number of workers by the wage rate received and dividing the sum of the resulting products by the total number of workers.

**MEDIAN HOURLY WAGE** - The hourly wage of a worker that neither exceeds nor is exceeded by more than half of the total number of workers. It can be said that half of the workers receive more than the median hourly wage and half of the workers receive less than the median hourly wage.

# Apparel Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b><u>PROFESSIONAL AND TECHNICAL</u></b>					
Engineer, Industrial	17	\$6,000	\$8,704	\$8,000	\$15,600
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b><u>OFFICE AND CLERICAL</u></b>					
General Clerk	89	\$1.900	\$2.528	\$2.500	\$4.375
Secretary	17	1.800	2.753	2.850	3.450
Shipping Clerk	43	2.150	3.104	3.500	4.600
<b><u>MAINTENANCE</u></b>					
Maintenance Man	12	2.300	3.250	3.375	4.000
<b><u>SERVICE WORKERS</u></b>					
Janitor, Porter or Cleaner	27	1.800	2.376	2.525	2.800
Watchman	14	2.150	2.553	2.610	2.725
<b><u>PRODUCTION WORKERS</u></b>					
Assembler	35	1.800	2.424	2.675	3.040
Buttonhole Maker - Machine Operator	29	1.800	2.431	2.390	4.042
Cutter and Marker	77	1.800	3.404	3.675	4.920
Inspector - Final Examiner	110	1.800	2.415	2.525	3.010
Presser - Finish Machine	205	1.800	2.778	2.950	4.550
Sewing Machine Operator	1885	1.800	2.364	2.400	4.770
Sorter	31	1.800	2.394	2.650	3.040
Thread Trimmer	40	1.800	2.533	2.525	3.334



# Chemical Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b><u>PROFESSIONAL AND TECHNICAL</u></b>					
Accountant	11	\$8,000	\$10,589	\$10,000	\$16,200
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b><u>TECHNICAL</u></b>					
Laboratory Technician	12	\$2.250	\$3.070	\$3.290	\$3.760
<b><u>OFFICE AND CLERICAL</u></b>					
Secretary	12	2.380	3.540	3.085	4.396
Shipping Clerk	9	2.400	2.934	2.981	3.571
<b><u>MAINTENANCE</u></b>					
Electrician, Maintenance	6	3.430	4.012	3.995	4.490
Maintenance Man	57	2.500	3.633	3.710	4.500
<b><u>SERVICE WORKERS</u></b>					
Janitor, Porter or Cleaner	6	2.000	2.903	3.050	3.600
<b><u>PRODUCTION WORKERS</u></b>					
Chemical Operator A	42	3.160	3.661	3.530	4.400
Chemical Operator B	41	2.250	2.938	3.130	3.460
Filterer	20	2.280	2.978	3.210	3.330
Mixer	17	2.650	3.183	3.210	3.460

# Electrical Machinery Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b><u>PROFESSIONAL AND TECHNICAL</u></b>					
Accountant	15	\$ 7,150	\$11,793	\$11,700	\$18,720
Draftsman	17	6,080	8,590	8,400	17,500
Engineer, Industrial	23	6,500	13,424	13,200	22,000
Engineer, Mechanical	14	11,400	14,683	14,700	18,240
Engineer, Quality Control	17	5,720	12,983	13,800	16,400
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b><u>TECHNICAL</u></b>					
Laboratory Technician	55	\$2.650	\$3.797	\$3.438	\$6.030
<b><u>OFFICE AND CLERICAL</u></b>					
General Clerk	97	2.100	2.788	2.720	4.850
Secretary	40	2.250	2.940	2.922	3.600
Shipping Clerk	62	2.200	2.679	2.770	4.800
<b><u>MAINTENANCE</u></b>					
Electrician, Maintenance	18	2.820	3.976	4.150	4.510
Maintenance Man	75	2.500	3.404	3.500	4.365
Millwright	11	3.200	4.213	4.200	4.790
<b><u>SERVICE WORKERS</u></b>					
Janitor, Porter or Cleaner	36	2.250	2.673	2.600	3.175
Watchman	7	2.180	2.471	2.360	3.190
<b><u>PRODUCTION WORKERS</u></b>					
Assembler - Class B	1000	2.000	2.489	2.420	4.620
Assembler - Class C	1462	1.800	2.559	2.480	3.000
Coil Winder	78	1.820	2.487	2.420	2.910
Inspector, Class A	37	2.100	2.971	2.800	5.000
Inspector, Class B	128	2.175	2.675	2.710	3.390
Tester - Class B	15	2.000	3.280	3.200	5.020
Tester - Class C	81	2.142	2.513	2.540	2.900

# Fabricated Metals Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	21	\$6,500	\$13,818	\$12,000	\$25,000
Draftsman	71	5,200	8,551	7,800	14,820
Engineer, Industrial	21	9,880	15,977	15,340	20,800
Engineer, Quality Control	10	7,800	15,866	16,400	22,700
Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>OFFICE AND CLERICAL</b>					
General Clerk	67	\$2.000	\$3.000	\$3.000	\$4.200
Secretary	36	2.000	3.116	3.190	4.600
Shipping Clerk	26	2.250	3.232	3.250	4.430
<b>MAINTENANCE</b>					
Electrician, Maintenance	19	3.750	4.446	4.470	4.810
Maintenance Man	20	2.700	3.898	3.850	6.100
Millwright	7	2.000	3.716	3.470	4.590
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	23	1.900	2.601	2.730	3.500
<b>PRODUCTION WORKERS</b>					
Burner	12	2.730	3.896	3.945	5.250
Crane Operator	39	2.310	3.449	3.520	3.945
Fabricator	388	1.900	3.349	3.310	6.500
Grinder	13	2.250	3.223	3.330	3.945
Lay-Out Man	73	2.750	3.862	3.945	4.750
Sheet Metal Machine Operator, Misc. Machines	38	2.100	3.317	3.140	5.900
Sheet Metal Worker, Production	83	1.900	3.723	3.570	5.900
Welder	246	2.500	4.147	3.945	8.500

# Food and Kindred Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	46	\$5,700	\$10,681	\$10,000	\$19,560
Computer Programmer	14	7,000	10,187	9,570	14,144
Engineer, Industrial	15	9,000	13,184	13,000	17,000
Engineer, Mechanical	10	6,000	11,706	13,000	19,604
Engineer, Quality Control	23	8,000	11,964	10,400	29,900
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>TECHNICAL</b>					
Laboratory Technician	93	\$2.250	\$2.588	\$2.375	\$4.300
<b>OFFICE AND CLERICAL</b>					
General Clerk	246	1.800	2.478	2.332	4.808
Secretary	58	1.800	2.934	2.800	5.250
Shipping Clerk	142	1.800	2.718	2.600	5.630
Stenographer	12	2.400	2.693	2.775	3.000
<b>MAINTENANCE</b>					
Electrician, Maintenance	101	2.650	3.338	3.220	6.730
Maintenance Man	316	2.000	3.229	3.050	5.370
Millwright	36	2.730	3.580	3.485	6.000
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	240	1.800	2.623	2.510	4.225
Watchman	54	1.800	2.421	2.375	3.700
<b>PRODUCTION WORKERS</b>					
Blanching Machine Operator	33	1.800	2.523	2.600	2.850
Cold Storage Man	188	1.800	2.703	2.550	4.690
Cutter	870	1.800	2.336	2.400	4.450
Flaker	42	1.800	2.141	2.000	2.750
Mixer	133	2.100	2.857	2.400	4.191
Packer	1730	1.800	2.349	2.300	4.500
Retort Operator	48	1.800	2.546	2.250	3.555
Sealer	159	1.800	2.154	1.900	4.750

# Furniture and Fixtures Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	8	\$ 7,280	\$10,269	\$ 9,360	\$18,200
Engineer, Industrial	7	10,040	12,777	12,399	17,992
Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>OFFICE AND CLERICAL</b>					
General Clerk	26	\$1.900	\$2.419	\$2.330	\$3.400
Secretary	16	2.000	2.697	2.845	3.750
Shipping Clerk	11	2.000	3.045	2.940	4.870
<b>MAINTENANCE</b>					
Electrician, Maintenance	6	2.250	2.932	2.785	4.000
Maintenance Man	21	1.900	2.827	2.700	6.000
Millwright	6	2.550	3.325	3.290	4.250
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	7	1.900	2.221	2.050	2.750
Watchman	18	1.900	2.376	2.510	2.610
<b>PRODUCTION WORKERS</b>					
Assembler	95	1.900	2.814	2.610	4.430
Belt Sander	25	1.900	2.542	2.400	3.700
Cut-Off Saw Operator	16	1.900	2.933	2.710	3.840
Drill Press Operator	12	2.000	2.368	2.215	3.400
Hand-Rubber	40	1.900	2.640	2.345	3.800
Lathe Hand, Automatic	7	2.300	2.517	2.500	2.800
Packer	35	1.900	2.471	2.320	4.000
Sprayer	31	2.100	2.915	2.700	4.430

# Leather and Leather Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	15	\$6,300	\$10,798	\$10,660	\$18,096
Computer Programmer	9	6,510	11,875	11,700	21,900
Engineer, Industrial	23	6,500	10,745	9,880	18,720
Engineer, Quality Control	8	8,840	10,864	10,400	13,460
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>TECHNICAL</b>					
Laboratory Technician	7	\$3.100	\$3.811	\$3.770	\$4.720
<b>OFFICE AND CLERICAL</b>					
General Clerk	502	1.800	2.303	2.250	3.750
Secretary	47	2.000	2.820	2.750	4.750
Shipping Clerk	170	1.800	2.443	2.300	5.620
Stenographer	10	1.900	2.450	2.500	2.900
<b>MAINTENANCE</b>					
Electrician, Maintenance	42	1.800	2.860	2.775	4.500
Maintenance Man	219	1.800	2.907	2.770	4.762
Millwright	19	2.250	3.697	3.825	5.000
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	108	1.800	2.163	2.100	3.500
Watchman	91	1.800	2.229	2.150	3.500
<b>PRODUCTION WORKERS</b>					
Cementer - Machine	269	1.800	2.379	2.180	4.670
Cutter	614	1.800	3.318	3.210	7.380
Dresser	104	1.900	3.186	2.960	5.480
Laster - Pull Over Machine (Goodyear Welt)	178	1.900	3.216	3.000	7.220
Sorter	96	2.100	2.921	2.975	4.120
Sprayer	164	1.850	2.663	2.320	4.770
Stitcher	3411	1.800	2.572	2.350	6.330
Tacker	143	1.800	2.957	2.800	4.280

# Lumber and Wood Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	27	\$6,500	\$ 9,767	\$ 9,412	\$16,000
Draftsman	14	5,200	8,063	7,930	11,466
Engineer, Industrial	17	6,240	12,295	12,610	18,678
Engineer, Mechanical	7	8,000	9,960	9,000	14,000
Engineer, Quality Control	8	7,800	13,894	10,270	26,000
		Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>OFFICE AND CLERICAL</b>					
General Clerk	135	\$1.800	\$2.597	\$2.480	\$4.808
Secretary	63	1.800	2.771	2.750	4.000
Shipping Clerk	86	1.800	2.549	2.500	4.889
Stenographer	11	2.000	2.601	2.440	3.660
<b>MAINTENANCE</b>					
Electrician, Maintenance	46	2.000	3.141	3.000	4.960
Maintenance Man	190	1.800	2.931	2.805	5.111
Millwright	160	1.800	3.098	3.000	5.750
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	82	1.800	2.269	2.250	3.090
Watchman	114	1.800	2.366	2.360	3.150
<b>PRODUCTION WORKERS</b>					
Band Saw Operator	74	1.800	3.021	2.825	4.700
Bolter	57	1.800	2.670	2.640	4.696
Circular Saw Operator	231	1.800	2.515	2.410	4.800
Dry Kiln Operator	30	2.300	3.232	3.010	6.400
Lathe Operator	246	1.900	2.431	2.403	4.180
Sander	121	1.850	2.255	2.220	4.752
Sorter	401	1.800	2.294	2.120	3.250
Tumbler Operator	34	1.950	2.442	2.498	3.090

# Machinery Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b><u>PROFESSIONAL AND TECHNICAL</u></b>					
Accountant	13	\$7,020	\$10,376	\$ 9,204	\$15,000
Draftsman	30	5,720	9,180	9,460	12,800
Engineer, Industrial	11	6,760	12,197	11,500	16,000
Engineer, Mechanical	26	9,600	13,790	12,274	30,000
Engineer, Quality Control	4	9,984	14,750	13,008	23,000
	<b>No. of Positions</b>	<b>Hourly Wage Rates</b>			
		Minimum	Mean	Median	Maximum
<b><u>OFFICE AND CLERICAL</u></b>					
General Clerk	63	\$1.800	\$2.580	\$2.500	\$4.060
Secretary	22	2.250	3.268	3.165	5.250
Shipping Clerk	23	2.000	3.020	3.070	5.000
<b><u>MAINTENANCE</u></b>					
Electrician, Maintenance	26	2.690	3.801	3.680	6.000
Maintenance Man	34	2.250	3.257	3.045	5.000
<b><u>SERVICE WORKERS</u></b>					
Janitor, Porter or Cleaner	36	1.800	2.571	2.570	3.120
<b><u>PRODUCTION WORKERS</u></b>					
Drill Press Operator	76	2.000	3.028	3.010	3.740
Expeditor	8	2.750	3.275	3.305	3.960
Grinder Machine Operator	48	2.550	3.293	3.320	4.050
Machinist	175	2.750	3.733	3.650	4.650
Milling Machine Operator	53	2.450	3.232	3.110	3.840
Tool-and-Die Maker	67	3.310	4.062	3.900	6.050
Turret Lathe Operator	60	2.450	3.385	3.450	4.240
Welder	138	2.600	3.312	3.300	4.590



# Paper and Allied Products Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	56	\$ 6,432	\$11,387	\$11,262	\$20,100
Computer Programmer	13	9,000	12,634	11,149	19,500
Draftsman	32	6,750	8,757	9,000	10,504
Engineer, Industrial	16	10,020	14,477	14,950	19,284
Engineer, Mechanical	74	10,200	15,600	15,500	23,500
Engineer, Quality Control	15	9,360	13,488	13,400	18,000
<b>TECHNICAL</b>					
Laboratory Technician	116	\$2.890	\$3.908	\$3.975	\$6.115
<b>OFFICE AND CLERICAL</b>					
General Clerk	158	2.098	3.287	3.320	4.540
Secretary	73	2.130	3.504	3.531	4.780
Shipping Clerk	54	2.060	3.586	3.650	6.179
Stenographer	15	2.500	3.076	3.125	3.761
<b>MAINTENANCE</b>					
Electrician, Maintenance	365	2.920	4.451	4.600	5.550
Maintenance Man	687	2.790	3.921	3.900	4.720
Millwright	701	3.100	4.464	4.400	5.550
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	318	1.900	3.421	3.450	4.680
Watchman	136	1.900	3.394	3.470	4.330
<b>PRODUCTION WORKERS</b>					
Back Tender	334	2.930	4.634	4.570	7.230
Beater Man	285	2.640	3.881	3.750	5.980
Bleacher	60	2.940	3.760	3.770	4.470
Calender Operator (Super Calender Operator)	99	3.860	4.550	4.570	5.590
Grinderman	201	2.600	3.750	4.000	4.740
Paper Machine Tender	365	3.150	4.917	4.940	7.490
Paper Tester	154	2.600	3.714	3.690	4.390
Pulp Tester	65	2.790	3.548	3,590	4.980

# Printing and Publishing Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	9	\$7,020	\$9,723	\$8,840	\$15,000
Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>OFFICE AND CLERICAL</b>					
General Clerk	143	\$1.800	\$2.813	\$2.730	\$5.130
Secretary	28	2.100	3.321	3.360	4.990
Shipping Clerk	16	1.950	2.437	2.458	3.800
<b>MAINTENANCE</b>					
Maintenance Man	14	2.250	3.955	3.608	5.780
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	41	1.800	3.088	3.031	4.160
<b>PRODUCTION WORKERS</b>					
Bindery Operator	70	1.800	2.423	2.275	4.650
Compositor	193	1.800	5.401	5.760	6.320
Linotype Operator	49	2.000	4.041	4.365	6.000
Lithographer	9	3.250	3.723	3.750	4.650
Offset-Plate Maker	20	1.800	3.152	2.900	4.850
Pressman	144	1.900	4.079	3.879	6.150
Proof Reader	62	1.900	3.438	3.060	6.150
Stripper	26	1.950	3.265	3.295	4.650

# Rubber and Plastics Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	9	\$ 7,000	\$ 9,705	\$ 9,880	\$15,552
Draftsman	7	5,720	8,209	8,320	10,920
Engineer, Industrial	4	11,700	14,564	12,878	20,800
Engineer, Mechanical	4	11,000	13,999	14,498	16,000
Engineer, Quality Control	9	5,800	8,591	8,154	13,000
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>TECHNICAL</b>					
Laboratory Technician	12	\$2.400	\$3.328	\$3.338	\$4.300
<b>OFFICE AND CLERICAL</b>					
General Clerk	48	1.950	2.484	2.400	3.350
Secretary	17	2.250	2.979	3.000	3.775
Shipping Clerk	12	1.900	2.872	2.750	4.140
<b>MAINTENANCE</b>					
Electrician, Maintenance	13	2.920	3.591	3.780	4.100
Maintenance Man	42	1.900	3.299	3.350	4.030
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	20	2.000	2.176	2.040	2.620
Watchman	5	2.000	2.140	2.100	2.500
<b>PRODUCTION WORKERS</b>					
Compound Man	13	2.500	2.966	3.080	3.300
Driller	21	1.900	2.757	2.600	4.200
Finisher	137	1.850	2.224	2.100	4.380
Injection Molder	265	1.900	2.428	2.400	4.170
Packer	132	1.900	2.583	2.509	3.580
Press Operator	55	2.450	3.315	3.350	4.946

**Stone, Clay  
& Glass Products  
Industry**

**Occupational  
Wage Rates**

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b><u>PROFESSIONAL AND TECHNICAL</u></b>					
Draftsman	4	\$6,300	\$8,530	\$8,710	\$10,400
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b><u>OFFICE AND CLERICAL</u></b>					
General Clerk	30	\$2.000	\$2.992	\$2.688	\$5.260
Secretary	6	2.100	2.592	2.450	3.500
Shipping Clerk	4	2.500	3.544	2.900	5.875
<b><u>MAINTENANCE</u></b>					
Electrician, Maintenance	10	2.500	4.785	5.430	6.060
Maintenance Man	37	2.200	4.734	5.860	6.260
<b><u>SERVICE WORKERS</u></b>					
Janitor, Porter or Cleaner	6	2.200	3.498	2.950	5.570
<b><u>PRODUCTION WORKERS</u></b>					
Brickmaker	22	2.750	3.494	3.600	4.750
Bulldozer Operator	12	2.600	3.700	3.575	5.360
Crane Operator	11	2.350	3.893	3.600	5.570
Crusher Operator	15	2.300	3.159	2.750	5.760
Fork Lift Operator	20	2.200	3.060	2.400	5.580
Shovel Operator	11	2.350	3.331	3.130	6.060

**Textile  
Industry**

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	23	\$6,136	\$10,854	\$ 9,100	\$30,000
Engineer, Industrial	18	6,916	10,950	10,912	17,000
Engineer, Quality Control	12	7,750	12,175	11,900	15,675
		Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>TECHNICAL</b>					
Laboratory Technician	34	\$2.300	\$3.073	\$3.000	\$4.100
<b>OFFICE AND CLERICAL</b>					
General Clerk	195	1.800	2.446	2.400	4.075
Secretary	37	1.900	2.766	2.650	4.150
Shipping Clerk	45	2.000	2.802	2.700	4.750
Stenographer	10	1.800	2.533	2.375	3.750
<b>MAINTENANCE</b>					
Electrician, Maintenance	51	2.150	3.233	3.330	4.000
Maintenance Man	137	2.005	2.899	2.840	4.100
Millwright	18	2.200	2.725	2.695	3.395
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	51	1.900	2.314	2.280	3.380
Watchman	70	2.090	2.468	2.358	3.590
<b>PRODUCTION WORKERS</b>					
Card Tender	204	2.050	2.458	2.500	3.150
Doffer	175	1.800	2.605	2.680	3.670
Dye Machine Tender	80	2.190	2.675	2.710	3.250
Loom Fixer	212	2.250	3.478	3.550	4.350
Mender, Cloth	254	2.000	2.515	2.470	3.180
Percher	97	1.800	2.416	2.440	3.120
Spinner - Frames	389	1.800	2.715	2.710	3.593
Weaver	523	2.100	3.090	3.068	4.030

# Transportation Equipment Industry

# Occupational Wage Rates

Occupation Title	No. of Positions	Annual Gross Salary			
		Minimum	Mean	Median	Maximum
<b>PROFESSIONAL AND TECHNICAL</b>					
Accountant	18	\$ 7,800	\$13,420	\$12,532	\$26,000
Draftsman	106	7,072	9,700	9,818	12,720
Engineer, Industrial	5	9,000	13,150	11,500	18,250
Engineer, Mechanical	8	11,340	14,824	14,600	18,550
Engineer, Quality Control	6	12,500	15,123	14,945	18,200
	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
<b>OFFICE AND CLERICAL</b>					
General Clerk	69	\$1.900	\$3.247	\$3.290	\$5.000
Secretary	49	2.200	3.344	3.430	4.490
Shipping Clerk	14	2.400	2.915	2.800	3.870
Stenographer	19	2.330	2.867	2.880	3.750
<b>MAINTENANCE</b>					
Electrician, Maintenance	42	2.700	3.864	3.985	4.250
Maintenance Man	70	2.000	3.753	3.830	4.290
<b>SERVICE WORKERS</b>					
Janitor, Porter or Cleaner	39	2.000	2.972	3.360	3.360
Watchman	30	2.550	3.451	3.450	3.880
<b>PRODUCTION WORKERS</b>					
Grinder Machine Operator	75	2.495	2.907	2.585	4.020
Joiner	113	1.900	3.086	2.950	4.230
Machinist	128	2.360	3.986	4.230	5.000
Painter	95	2.250	3.705	3.970	4.310

# Occupational Descriptions

## PROFESSIONAL & TECHNICAL EMPLOYEES

### ACCOUNTANT

Devises, installs and supervises operation of general accounting, budget and cost systems.

### COMPUTER PROGRAMMER

Converts symbolic statement of business problems to detailed logical flow charts for coding into computer language and solution by means of automatic data processing equipment.

### DRAFTSMAN

Prepares working plans and detail drawings according to specified dimensions. Responsible for duties up to but not including supervisory duties.

### ENGINEER, INDUSTRIAL

Performs a variety of engineering work which requires professional training. Plans and oversees production facilities and personnel. Plans equipment layout, work flow and accident prevention measures.

### ENGINEER, MECHANICAL

Performs engineering work which requires professional training. Involved with the planning and design of tools, engines, machines and equipment. Oversees installation, operation, maintenance and repair of such equipment.

### ENGINEER, QUALITY CONTROL

Performs engineering work which requires professional training. Performs and oversees activities concerned with development, application and maintenance of quality standards for processing of materials.

### LABORATORY TECHNICIAN

Performs laboratory tests according to prescribed standards to determine chemical and physical characteristics or composition.

## OFFICE & CLERICAL EMPLOYEES

### GENERAL CLERK

Performs any combination of the following or similar clerical duties such as keeping simple records and reports, filing, making out bills, answering telephone and addressing outgoing mail. May also type or operate simple office machines.

### SECRETARY

Performs secretarial and clerical duties for superior in an administrative or executive position.

### SHIPPING CLERK

Prepares merchandise for shipment. Work involves a knowledge of shipping procedures, practices, routes, available means of transportation and rates; and preparing records of goods shipped.

### STENOGRAPHER

Takes dictation from one or more persons, either in shorthand or by machine.

## MAINTENANCE EMPLOYEES

### ELECTRICIAN, MAINTENANCE

Performs a variety of electrical trade functions such as the installation, maintenance or repair of equipment for the generation, distribution or utilization of electric energy.

### MAINTENANCE MAN

Keeps the machines, mechanical equipment and the physical structure of an establishment in good repair and working order, performing a wide variety of maintenance duties.

### MILLWRIGHT

Installs new machines or heavy equipment and dismantles and installs machines or heavy equipment when changes in the plant layout are required.

## SERVICE EMPLOYEES

### JANITOR, PORTER OR CLEANER

Cleans and keeps the establishment in an orderly condition.

### WATCHMAN

Makes rounds of premises periodically in protecting industrial plant, warehouse or other property.

# Occupational Descriptions

## Production Employees

### APPAREL INDUSTRY

#### ASSEMBLER

Collects, matches and bundles identical cut-out garment parts, or parts to be sewn together to form completed garment.

#### BUTTONHOLE MAKER

Operates a buttonhole machine that automatically cuts and stitches buttonholes in garments or garment parts.

#### CUTTER AND MARKER

Marks the outlines of various garment parts and cuts out parts.

#### INSPECTOR - FINAL EXAMINER

Examines and inspects completed garments prior to pressing or shipping.

#### PRESSER - FINISH MACHINE

Performs with a pressing machine the final pressing operations on completed garments.

#### SEWING MACHINE OPERATOR

Uses sewing machine in making parts of garments, joining various sections together, or in attaching previously completed parts to partially completed garments.

#### SORTER

Removes garments from storage racks or bins and folds them for shipment.

#### THREAD TRIMMER

Trims loose thread ends and seam edges of garments with scissors and pulls bastings, etc.

### CHEMICAL INDUSTRY

#### CHEMICAL OPERATOR A

Operates or directs a chemical process determining proportions of materials, making necessary calculations; setting and regulating controls for temperature, pressure or flow of materials. Uses measuring and testing equipment to check quality of operation, keeping operational records.

#### CHEMICAL OPERATOR B

May perform any of the duties of the Class A Operator but requires guidance. May operate one type of equipment within relatively broad limits.

#### FILLER MACHINE TENDER

Operates a filling machine. Includes workers who tend filling machines that also cap, close or label the containers.

#### FILTERER

Operates filtering equipment used in separating suspended solids from a liquid.

#### MIXER

Operates mixing machines in which materials are blended or mixed in controlled amounts.

#### SCALEMAN

Weights materials and fills equipment or containers. May transport materials and clean work areas.

#### SEWING MACHINE OPERATOR

Primary duty consists of operating a sewing machine.

#### SHOVEL OPERATOR

Operates a compressed air, diesel, electric, gasoline or steam power shovel.

### ELECTRICAL MACHINERY INDUSTRY

#### ASSEMBLER - CLASS B

Assembles parts into units or sub-assemblies in accordance with standard and prescribed procedures. Assembles a limited range of standard and familiar products composed of a number of small or medium sized parts requiring some fitting or adjusting.

#### ASSEMBLER - CLASS C

Performs short-cycle repetitive assembling operations.



# Occupational Descriptions

## Production Employees

### COIL WINDER

Winds armature coils on coil winding machine.

### INSPECTOR, CLASS A

Inspects for quality of product and operations. Uses a variety of precision measuring instruments, interprets drawings and specifications in inspection work on units composed of a large number of component parts. Responsible for decisions.

### INSPECTOR, CLASS B

Inspects for quality of product and operations, where the inspection procedures involve a sequence of inspection operations. Makes routine decisions as to proper fit or performance of some parts.

### INSPECTOR, CLASS C

inspects product by short cycle, repetitive inspection operation, by prescribed standards.

### TESTER, CLASS B

Tests a variety of products or parts where testing procedures and allowable variations are prescribed, performs repetitive tests which involve a sequence of testing operations, uses precision testing equipment. Responsible for some routine decisions.

### TESTER, CLASS C

Tests product by short cycle, repetitive testing operations, by prescribed standards.

## FABRICATED METALS INDUSTRY

### BURNER

Sets up and operates gas burning (cutting) equipment that uses acetylene, thermalene, propane or other appropriate gas to perform metal cutting operations.

### CRANE OPERATOR

Operates a crane to hoist and move materials, raise and lower heavy weights and perform other related operations.

### FABRICATOR

Shapes, finishes and assembles parts of light metal by machine.

### GRINDER

Sharpens cutting tools, jigs or fixtures by using an abrasive wheel.

### LAY-OUT MAN

Outlines patterns and marks shapes on structural metal or other materials for subsequent assembly, bending, cutting or punching.

### SHEET METAL MACHINE OPERATOR, MISC. MACHINES

Alternately operates several types of sheet metal working machines, such as hand and power brakes, square and rotary shears and rolling and forming machines, to bend, cut and form sheet metal parts. Under supervision, sets up own machines and makes necessary adjustments.

### SHEET METAL WORKER, PRODUCTION

Fabricates, assembles, alters, repairs and installs sheet metal products.

### WELDER

Fuses metal parts together by means of an oxyacetylene torch and welding rods or with an electric welding apparatus.

## FOOD & KINDRED PRODUCTS INDUSTRY

### BLANCHING MACHINE OPERATOR

Blanches fruits or vegetables with blanching machine. Operates machine and controls water and steam valves. Loads feed chute of machine with fruits or vegetables. May clean blanching machine with hot water.

### COLD STORAGE MAN

Tends refrigerated storage room in which product is stored. May transport by hand truck products to and from the cooler room and stacks and keeps in orderly arrangements.

# Occupational Descriptions

## Production Employees

### CUTTER

Cuts off heads, tails or other parts of fish or fowl. May eviscerate.

### FLAKER

Suspends clean fish from poles or places them on flakes (trays) and sets flakes in sun, drying rooms or ovens or on conveyors leading to drying ovens or packing rooms.

### MIXER

Mixes ingredients by hand or machine.

### PACKER

Places or arranges processed food products in containers. May pour a preservative, such as oil, sirup or vinegar over food and place cover on container. May weigh filled container and alter weight of contents to meet guaranteed weight.

### RETORT OPERATOR

Performs final cooking of preserved and canned foods in a retort chamber.

### SEALER

Caps or seals bags, boxes or jars preparatory to shipment; feeds boxes or jars to automatic sealing or capping machine; ties open end of bags or heat seals the bag.

## FURNITURE & FIXTURES INDUSTRY

### ASSEMBLER

Assembles shaped and fitted wooden parts to form plain or semi-upholstered chairs. Glues, nails, screws or clamps parts together.

### BELT SANDER

Smooths surface of wooden furniture parts and other wooden sections with an abrasive-covered revolving belt, not to include portable belt sander.

### CUT-OFF SAW OPERATOR

Operates a swinging or jump saw to cut wooden stock to desired lengths; grades and cuts stock to best advantage, eliminating knots and other defects.

### DRILL PRESS OPERATOR

Sets up and operates drill press machine to bore holes of specified diameter and depth in wood.

### HAND-RUBBER

Rubs surface of furniture after each coat of dry finish has been applied.

### LATHE HAND, AUTOMATIC

Sets up and operates a machine to turn such parts as chair and table legs from wood stock.

### PACKER

Prepares furniture or furniture parts for shipment.

### SPRAYER

Applies with a spray gun paint, varnish, lacquer, enamel or other finishes to surfaces of manufactured products.

## LEATHER & LEATHER PRODUCTS INDUSTRY

### CEMENTER - MACHINE

Hand feeds outsoles into rollers of a cementing machine to apply cement along edges or over the entire surface of flesh side of outsoles of shoes, to prepare them for attaching to the bottom of the shoes.

### CUTTER

Cuts leather or imitation leather according to pattern.

### DRESSER

Applies oil, or other compounds, usually by hand, to the surface of tanned hides to improve their appearance.

### LASTER - PULL OVER MACHINE (GOODYEAR WELT)

Operates a machine in which the upper at the toe and along the sides of the front of the shoe is pulled over and tacked temporarily to the last to give preliminary shaping to the front part of the upper and to attach it to the insole and the last.

# Occupational Descriptions

## Production Employees

### **SORTER**

Sorts hides, skins and leather into groups of same grade, weight, thickness and color, using a guage to determine thickness, and determines substance by feeling. Inspects for imperfections. Selects leather for different treatment; returns rejects for reprocessing.

### **SPRAYER**

Sprays surfaces of manufactured articles with finishing or protecting material.

### **STITCHER**

Stitches together various shoe parts, using a stitching machine.

### **TACKER**

Stretches wet hides or skins and fastens them to boards or frames with tacks, nails or toggles.

## **LUMBER & WOOD PRODUCTS INDUSTRY**

### **BAND SAW OPERATOR**

Operates a band saw.

### **BOLTER**

Operates circular saw to cut slabs, edgings and logs into widths and thicknesses. May oil carriage and keep saw in good condition.

### **CIRCULAR SAW OPERATOR**

Operates a circular saw to cut stock lumber to specified standards.

### **DRY KILN OPERATOR**

Controls temperature and humidity to dry kilns to artificially season lumber. Supervises loading of kiln cars and placing in and the removal from the kiln. Records amount of lumber dried and conditions under which it was dried.

### **LATHE OPERATOR**

Operates lathe used to cut specified designs in wood products.

### **SANDER**

Smooths and finishes the edges and surfaces of wooden parts and sections by machine.

### **SORTER**

Separates lumber according to grade and size for specific use.

### **TUMBLER OPERATOR**

Tends power driven rotating drum that smooths irregular shaped wooden pieces.

## **MACHINERY INDUSTRY**

### **DRILL PRESS OPERATOR**

Drills holes using a previously set up single or multiple spindle drill press.

### **EXPEDITOR**

Coordinates the flow of materials, parts and assemblies within or between departments.

### **GRINDER MACHINE OPERATOR**

Operates precision grinding machine to grind surfaces of metal parts to a smooth and even finish and to required dimension.

### **MACHINIST**

Carries through to completion the construction and repair of all kinds of metal parts, tools and machines.

### **MILLING MACHINE OPERATOR**

Shapes metal objects using a machine that cuts the metal with many-toothed rotary cutters.

### **TOOL-AND-DIE MAKER**

Constructs, repairs and maintains machine shop tools, jigs, fixtures and instruments, calibrating them according to specifications, and also dies used for forging, punching, stamping and other metal-forming work. Operates various machine tools, performing layout work and fitting and assembling parts as necessary.

# Occupational Descriptions

## Production Employees

### TURRET LATHE OPERATOR

Shapes cylindrical surfaces of metal objects, such as castings or forgings, by the use of a turret lathe.

### WELDER

Fuses metal parts together by means of an oxyacetylene torch and welding rods or with an electric welding apparatus.

### PAPER & ALLIED PRODUCTS INDUSTRY

#### BACK TENDER

Feeds paper to driers; regulates heat of driers and adjusts calenders. Weighs and calipers paper sheets. Observes paper for imperfections. May assist machine tender.

#### BEATER MAN

Prepares pulp for processing into paper by means of a beater which hydrates pulp and mixes chemicals or other ingredients with the pulp.

#### BLEACHER MAN

Whitens or bleaches pulp to specified requirements.

#### CALENDER OPERATOR (SUPER CALENDER OPERATOR)

Operates a super-calender or calendering machine.

#### GRINDERMAN

Tends wood grinding machine.

#### PAPER MACHINE TENDER

Operates a paper making machine. Regulates flow of stock. Sets and adjusts presses. Controls speed of machine. Makes necessary adjustments to meet specifications. Replaces wires and felts. Directs other members of the paper machine crew.

#### PAPER TESTER

Uses testing equipment to conduct physical tests to determine if paper meets specifications.

### PULP TESTER

Tests pulp for moisture content, purity and strength. Makes physical tests for strength or color, and chemical tests necessary to maintain uniformity and quality of paper stock desired.

### PRINTING & PUBLISHING INDUSTRY

#### BINDERY OPERATOR

Performs such duties as punching, perforating, hand or machine folding, stitching, etc.

#### COMPOSITOR

Sets type by hand and breaks down and distributes type after use. Makes proof of set-up and inspects for accuracy.

#### LINOTYPE OPERATOR

Operates the keyboard of an automatic machine that selects and assembles matrices of letters into lines and casts strips of type from type metal.

#### LITHOGRAPHER

Readies and tends the operation of a printing press used for printing subject matter from engraved stones.

#### OFFSET-PLATE MAKER

Operates copy camera to photograph prepared copy, and transfers image to stencils or plates.

#### PRESSMAN

Operates any type of printing press and may oil, clean and make minor repairs.

#### PROOF READER

Reads typescript or proof of type set-up to detect and mark for correction any grammatical, typographical or compositional errors, checking proof against original copy.

#### STRIPPER

Strips developed photographic negative film from glass or film base and remounts it, in reversed position, on another glass plate for use in preparing photoengraving plate.

# Occupational Descriptions

## Production Employees

### RUBBER & PLASTICS INDUSTRY

#### BUFFER

Buffers hard composition to high luster against rotating soft wheel to which a polishing compound has been applied.

#### COMPOUND MAN

Weighs and delivers pigments for blending with stock during reclaiming process, according to laboratory formulas and written specifications.

#### DRILLER

Drills holes in parts or articles of plastic, rubber, etc.

#### FINISHER

Shapes, finishes or assembles molded material. Performs one or more of a variety of repetitive, routine hand or machine operations such as assembling, polishing and sanding. May be shifted from one operation to another as necessary.

#### HEEL MOLDER

Operates a machine to compress heels and shape the heel seat.

#### INJECTION MOLDER

Operates one or more injection-molding machines that mold thermoplastics materials.

#### PACKER

Packs products into containers for shipment or storage.

#### PRESS OPERATOR

Imports any desired finish, such as mat, linen or bright, to plastic sheets by pressing them between appropriate metal plates, using hydraulic presses.

### STONE, CLAY & GLASS PRODUCTS INDUSTRY

#### BRICKMAKER

Tends brick-molding machines.

#### BULLDOZER OPERATOR

Operates tractor with scraper blade mounted in front of chassis to level and scrape clay in an open clay pit into piles to facilitate its removal to a brick or tile manufacturing plant.

#### BURNER (KILN)

Operates a brick or tire burning kiln.

#### CRANE OPERATOR

Operates a crane to hoist and move materials, raise and lower heavy weights and perform other related operations.

#### CRUSHER OPERATOR

Operates an electric, gasoline or steam-powered rock crushing machine that may be provided with screens to sift the material and a hose system to wash it. Loads or supervises loading of crusher. May perform routine maintenance and repairs.

#### FORK LIFT OPERATOR

Operates a truck equipped with a fork lift or elevating platform that can be raised or lowered to various levels to facilitate loading or unloading.

#### PNEUMATIC DRILL OPERATOR

Drills holes in building stone for the insertion of wire or rods in mounting or fastening them in place, using a compressed air driven drill.

#### SHOVEL OPERATOR

Excavates or moves materials with a compressed air, diesel, electric, gasoline or steam power shovel.

### TEXTILE INDUSTRY

#### CARD TENDER

Tends the operation of one or more carding machines that prepare and card cotton or other fibers for further processing.

# Occupational Descriptions

## Production Employees

### DOFFER

Removes full bobbins of yarn from spindles of ring or cap spinning frames and replaces with empty. Starts yarn on empty bobbins. May help piece up broken ends of yarn.

### DYE-MACHINE TENDER

Prepares and operates one or more of the various types of dyeing machines or kettles used to dye raw stock, yarn hosiery or knit goods.

### LOOM FIXER

Prepares looms for operation. Inspects and examines for proper operation. Makes adjustments and performs necessary repairs.

### MENDER, CLOTH

Examines cloth for defects. Makes necessary repairs.

### PERCHER

Inspects finished cloth for such qualities and characteristics as color, shade, bulk, finish, dimensions and defects. Marks location of all defects.

### SPINNER - FRAMES

Tends the operation of one or more sides of ring or cap frame spinning machines. May clean rolls and machine.

### WEAVER

Tends the operation of one or more looms to produce woven cloth.

## TRANSPORTATION EQUIPMENT INDUSTRY

### DRILL PRESS OPERATOR

Drills holes using a previously set up single or multiple-spindle drill press.

### GRINDER MACHINE OPERATOR

Operates precision grinding machine to grind surfaces of metal parts to a smooth and even finish and to required dimension.

### HEAT TREATER

Alters the physical and chemical properties of the steel of such parts as dies, cutters and machine parts, to produce a specified degree of hardness, toughness or strength by an established process of controlled heating and cooling.

### JOINER

Assembles, fits and joins composition, wood or metal materials.

### MACHINIST

Carries through to completion the construction and repair of all kinds of metal parts, tools and machines.

### PAINTER

Paints or varnishes wood, metal or canvas either by brush or spray gun. May mix paint.

### TOOL-AND-DIE MAKER

Constructs, repairs, maintains machine shop tools, jigs, fixtures and instruments, calibrating them according to specifications, and also dies used for forging, punching, stamping and other metal-forming work. Operates various machine tools, performing lay-out work and fitting and assembling parts as necessary.

### TURRET LATHE OPERATOR

Shapes cylindrical surfaces of metal objects, such as castings or forgings, by the use of a turret lathe.